



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : George B. Witman et al.
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AMENDMENT AND RESPONSE TO RESTRICTION REQUIREMENT

Responsive to the action mailed June 7, 2002, applicants respectfully request entry of the following amendments to the specification:

In the specification:

Replace the original Sequence Listing with the substitute Sequence Listing filed herewith.

Replace the paragraph beginning at page 78, line 21, with the following rewritten paragraph:

--Portions of the IFT88 peptide sequence (LEGETDQA (SEQ ID NO:43) and GIDPYCVE (SEQ ID NO:44)) were used to design two degenerate oligonucleotide PCR primers (GA[A/G] AC[C/G/T] GA[C/T] CA[A/G] GC[C/G/T] GA[C/T] AA[A/G] TA (SEQ ID NO:45) and GC [C/T]TC [A/C/G]AC [A/G]CA [A/G]TA [A/C/G]GG [A/G]TC [A/G]AT (SEQ ID NO:46)). These primers amplified a 365-bp fragment of genomic DNA that contained parts of two exons and a 132-bp intron. This fragment of genomic DNA was used to screen a *Chlamydomonas* cDNA library made from cells undergoing division (Pazour and Witman,

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